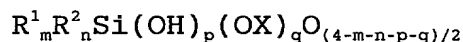


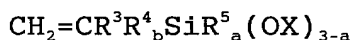
CLAIMS:

1. An ink jet printing paper sheet comprising cellulose fibers coated at least in part with solids of a substantially organic solvent-free, silicone resin-containing emulsion composition which is obtained by emulsion polymerization of a mixture comprising:

(a) 100 parts by weight of at least one of (a-1) a singly water insoluble, silanol group-bearing silicone resin having the following average compositional formula:



wherein  $R^1$  is a monovalent hydrocarbon group having 1 to 10 carbon atoms,  $R^2$  is a substituted monovalent hydrocarbon group having 1 to 10 carbon atoms, X is a monovalent hydrocarbon group having 1 to 6 carbon atoms, m, n, p and q are positive numbers satisfying  $0.5 \leq m \leq 1.8$ ,  $0 \leq n \leq 1.0$ ,  $0 < p \leq 1.5$ ,  $0 \leq q \leq 0.5$ ,  $0.5 \leq m+n \leq 1.8$ ,  $0 < p+q \leq 1.5$ , and  $0.5 < m+n+p+q < 3$ , and (a-2) a radical polymerizable vinyl group-bearing alkoxy silane having the following general formula:



wherein  $R^3$  is hydrogen or methyl,  $R^4$  is a divalent hydrocarbon group of 1 to 10 carbon atoms which may be separated by an oxygen atom, -COO- group or the like,  $R^5$  is a substituted or unsubstituted monovalent hydrocarbon group having 1 to 8 carbon atoms, X is as defined above, "a" is 0 or 1, and "b" is 0 or 1, and

(b) 100 to 100,000 parts by weight of a radical polymerizable vinyl monomer.

2. The paper sheet of claim 1 wherein the cellulose fibers are coated at least in part with solids of the emulsion composition by carrying out paper-making in the emulsion composition or by coating or impregnating a paper sheet with the emulsion composition.